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PTO/SB/05 (2/98)

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION TRANSMITTAL <small>Only for new nonprovisional applications under 37 CFR 1.53(h)</small>		Attorney Docket No. 38-21(15503)B	
		First Named Inventor or Application Identifier ANDERSEN	
Title Nucleic Acid Molecules and Other Molecules Associated with Plants		Express Mail Label No.	
APPLICATION ELEMENTS <small>MPEP chapter 600 concerning utility patent application contents</small>		ADDRESS TO: Assistant Commissioner for Patent Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) <small>(Submit an original and a duplicate for fee processing)</small>		6. <input type="checkbox"/> Microfiche Computer Program <i>(Appendix)</i>	
2. <input checked="" type="checkbox"/> Specification [Total Pages 94] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R&D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claims- Abstract of the Disclosure		7. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> <ul style="list-style-type: none">a. <input checked="" type="checkbox"/> Computer Readable Copyb. <input checked="" type="checkbox"/> Paper Copy (identical to computer copy)c. <input checked="" type="checkbox"/> Statement verifying identity of above copies	
3. <input type="checkbox"/> Drawing(s) <i>(35 USC 113)</i> [Total Sheets]		ACCOMPANYING APPLICATION PARTS 8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small> 10. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations 12. <input type="checkbox"/> Preliminary Amendment 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Two) <small>(should be specifically itemized)</small> 14. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small> 16. <input type="checkbox"/> Other:	
4. Oath or Declaration [Total Pages 6] <ul style="list-style-type: none">a. <input checked="" type="checkbox"/> Newly executed (original or copy)b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small> <small>[Note Box 5 below]</small>i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small>			
5. <input type="checkbox"/> Incorporation By Reference <i>(useable if Box 4b is checked)</i> <small>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</small>			
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: / Prior Application Information: Examiner: Group/Art Unit:			
18. CORRESPONDENCE ADDRESS			
<input type="checkbox"/> Customer Number or Bar Code Label or <input checked="" type="checkbox"/> Correspondence address below <small>(Insert Customer No. or Attach bar code label here)</small>			
NAME Lawrence M. Lavin, Jr., Esq. Monsanto/GD Searle			
ADDRESS Patent Department Central PO Box 5110			
CITY Chicago	STATE Illinois	ZIP CODE 60680-5110	
COUNTRY US	TELEPHONE (314) 694-3602	FAX (314) 694-1671	
Name (Print/Type) Lawrence M. Lavin, Jr.	Registration No. (Attorney/Agent) 30,768		
Signature <i>Lawrence M. Lavin Jr</i>	Date April 18, 2000		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Did R. Math Reg. No 41,408

April 18, 2000

Assistant Commissioner for Patents
Washington, D.C. 20231

Box Patent Application

Re: U.S. Non-Provisional Utility Patent Application
Application No.: To Be Assigned
Filed: Herewith
For: **Nucleic Acid Molecules and Other Molecules
Associated with Plants**
Inventors: Scott E. ANDERSEN *et al.*
Atty. Docket: 38-21(15503)B

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.
Patent and Trademark Office:

1. Utility Patent Application Transmittal (PTO/SB/05);
2. Form PTO-1082 (in duplicate);
3. U.S. Utility Patent Application entitled:

Nucleic Acid Molecules and Other Molecules Associated with Plants

and naming as inventors:

Scott E. ANDERSEN and Dane K. FISHER,

the application consisting of:

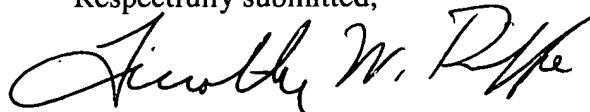
- a. A specification containing:
 - (i) 92 pages of a description prior to the claims;
 - (ii) 1 page of claims (7 claims);
 - (iii) a one (1) page abstract; and
 - (iv) 8,914 pages of a sequence listing;

4. Statement Regarding Sequence Submission;
5. A CD-ROM containing the sequence listing;
6. Original Declaration and Power of Attorney, executed by inventor Scott E. ANDERSEN (3 pages);
7. Original Declaration and Power of Attorney, executed by inventor Dane K. FISHER (3 pages);
8. An Information Disclosure Statement;
9. Form PTO-1449 (1 page), with 8 accompanying documents;
10. Check No. 326706 in the amount of \$690.00 to cover the basic filing fee; and
11. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith in the above application are the same.

Respectfully submitted,



David R. Marsh (Reg. No. 41,408)

Timothy W. Riffe (Reg. No. 43,881)

Enclosures

MONSANTO/GD SEARLE
Patent Department Central
P.O. Box 5110
Chicago, Illinois 60680-5110
(314) 694-3602

Attorney Docket No. 38-21(15503)B

ASSISTANT COMMISSIONER FOR PATENTS
 Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventors: Scott E. ANDERSEN *et al.*

For: Nucleic Acid Molecules and Other Molecules Associated with Plants

Enclosed are:

- ☐ _____ sheets of informal drawings.
☐ An assignment of the invention to _____
☐ Form PTO-1595.
☐ A certified copy of a _____ application.
☐ A verified statement to establish small entity status under 37 C.F.R. § 1.9 and 37 C.F.R. § 1.27.
☒ Executed Combined Declaration and Power of Attorney for Patent Application (6 total pages).

The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)	SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE				345.00	OR		690.00
TOTAL CLAIMS	7 - 20 =	*	x 9 =		OR	x 18 =	0.00
INDEP. CLAIMS	3 - 3 =	*	x 39 =		OR	x 78 =	0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+ 130 =		OR	+ 260 =	
			TOTAL	\$	OR	TOTAL	\$ 690.00

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

- ☐ Please charge my Deposit Account No. 13-4125 in the amount of \$690.00. A duplicate copy of this sheet is attached.
- ☒ Check No. 326706 in the amount of \$ 690.00 to cover the filing fee is enclosed.
- ☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 13-4125 referencing docket number 38-21(15503)B.
 A duplicate copy of this sheet is attached.
- ☒ Any additional filing fees required under 37 C.F.R. § 1.16.
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17.
- ☐ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 13-4125 referencing docket number _____.
 A duplicate copy of this sheet is attached.
- ☐ Any patent application processing fees under 37 C.F.R. § 1.17.
- ☐ The issue fee set in 37 C.F.R. § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b).
- ☐ Any filing fees under 37 C.F.R. § 1.16 for presentation of extra claims.

Date: April 18, 2000

Lawrence M. Lavin, Jr.
 Lawrence M. Lavin, Jr. (Reg. No. 30,768)

By *Ed R. Marshall* *Reg. No.*
41,408

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Scott E. ANDERSEN *et al.*

Appln. No.: To Be Assigned

Filed: April 18, 2000

For: Nucleic Acid Molecules and Other
Molecules Associated with Plants

Art Unit: To Be Assigned

Examiner: To Be Assigned

Atty. Docket: 38-21(15503)B

1c525 U.S. PTO.

09/553094



04/18/00

Statement Regarding Sequence Submission

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the Sequence Listing and the computer readable copy of the Sequence Listing submitted herewith in the above-mentioned application are the same.

Respectfully submitted,

Lawrence M. Lavin

Lawrence M. Lavin, Jr. (Reg. No. 30,768)

Date: April 18, 2000

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Monsanto/GD Searle
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by

Ed R. Marsh

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